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(54) CYCLIC TASK CONTROL METHOD AND STORAGE MEDIUM STORING CYCLIC TASK CONTROL PROGRAM

(57)Abstract:

PROBLEM TO BE SOLVED: To temporarily suppress a cyclic task without processing overhead by temporarily interrupting the execution of the generated cyclic task without excluding the task.

SOLUTION: Tasks A-C stored in areas 31-33 of an under-execution task and execution waiting task group storage area 30 are generated by a cyclic task generating means 21 and activated by a cyclic task activating means 22. When interrupting the execution of the cyclic task B, for example, the cyclic task B is moved to an area 41 of an under-interruption cyclic task group storage area 40 so that the execution of the cyclic task B can be interrupted. When restarting the interrupted execution of the cyclic task C, the cyclic task C is moved from the area 41 of the under-interruption cyclic task group storage area 40 to the area 33 of the under-execution task and execution waiting task group storage area 30 by a cyclic task restarting means 26 so that the execution of the cyclic task C can be restarted.
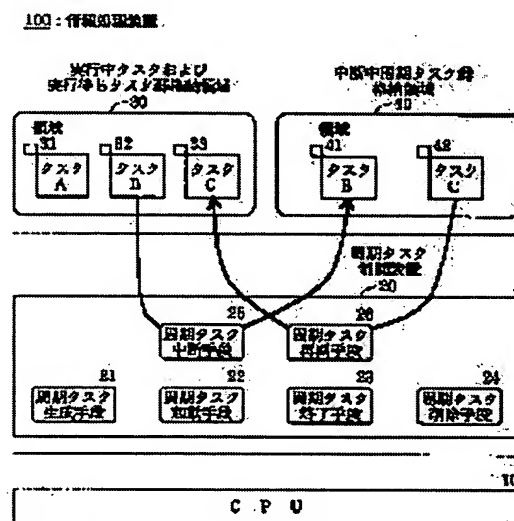
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